252645

 $\mathsf{CH_2} = \overset{\mathsf{R}^*}{\mathsf{C}} - \overset{\mathsf{O}}{\mathsf{C}} - \overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{O}}{\mathsf{CH}_2} \overset{\mathsf{O}}{\mathsf{CH}_2} \overset{\mathsf{O}}{\mathsf{CH}_2} \overset{\mathsf{O}}{\mathsf{CH}_2} \overset{\mathsf{O}}{\mathsf{CH}_2} \overset{\mathsf{O}}{\mathsf{CH}_2} \overset{\mathsf{O}}{\mathsf{CH}_2} \overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{O}} \overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{O}}} \overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{O}}{\mathsf{C}} \overset{$

Synthesis of acrylate-terminated prepolymers and subsequent crosslinking by freeradical initiators.

FI6.1

$$H = \left\{ \begin{array}{c} 0 & 0 & 0 \\ -0 & -1 & -1 \\ -0 & -1 &$$

$$H = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R & 0 \end{array} \right\} = \left\{ \begin{array}{c} 0 & 0 & 0 \\ 0 & -R$$

F16.2

$$R'$$
 CI $R' = H, CH3, etc$
THF, Et₃N, O °C \rightarrow RT

$$CH_{2} = \overset{R'}{C} - \overset{O}{C} + \underbrace{\overset{O}{C} + \overset{O}{C} + \overset{$$

Synthesis of acrylate-terminated prepolymers and subsequent crosslinking by free-radical initiators.

FI6.1

FI6.2

$$H = \begin{cases} 0 & 0 \\ -1 & \text{ch}_{2} & \text{ch}_{2} \text{c$$

$$R'$$
 CI $R' = H, CH_3$ etc
THF, Et₃N, O °C \rightarrow RT

$$\mathsf{CH}_2 = \overset{\mathsf{R'}}{\mathsf{C}} - \overset{\mathsf{O}}{\mathsf{C}} - \overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{O}}{\mathsf{CH}} \overset{\mathsf{O}}{\mathsf{C}} + \overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{O}}{\mathsf{H}} \overset{\mathsf{O}}{\mathsf{C}} + \overset{\mathsf{O}}{$$

Synthesis of acrylate-terminated prepolymers and subsequent crosslinking by free-radical initiators.

F16.2

$$R'$$
 CI $R' = H, CH3 etc$

THF, Et₃N, O °C \rightarrow RT

$$\mathsf{CH_2} = \overset{\mathsf{R'}}{\mathsf{C}} \overset{\mathsf{O}}{=} \underbrace{\overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{O}}{\mathsf{C}} \overset{\mathsf{$$

Synthesis of acrylate-terminated prepolymers and subsequent crosslinking by free-radical initiators.

etc